

Work Order ID 71606

Wednesday, July 06, 2011 1:30:07 PM



Page 1

Item ID: D350-636-101

Accept



Setup Start



Revision ID:

Item Name: Toe Step, LH/RH

Stop



Start Date: 7/6/2011 Start Qty: 10.00



Cust Item ID:

Required Date: 7/20/2011 Req'd Qty: 10.00



Customer:

Reference:

Approvals:

Process Plan:

CA

Date: 11/07/06

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start



Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D3487

Rev A

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPPD350-636-101 CHG001

6061 : 100

Handwritten signature/initials: J. For CLN-9-6

110

0.00



Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut as per Dwg *** D3487-1***

Dwg Rev: A

Prog Rev: A

2-Deburr if necessary

Handwritten: B11-9-10

Handwritten circled number: 12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120

QC2- Inspect parts off machine FAI/FAIB

0.00



QC

Memo

0.00

Quality Control

B11-8-10

130

QC8- Inspect parts - second check

0.00



QC

Memo

0.00

Quality Control

S 11606112

412

150

NC BRAKE

0.00



Brake NC

Memo

0.00

Brake NC

Form as per Dwg D3487

SB 11608131

12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Page 3

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Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start



Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

160

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

170

Chemical Conversion Coat per QSI005 4.1

0.00



HandFinish

Memo

0.00

Hand Finishing

180

White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum

0.00



Powdercoat

Memo

0.00

Powder Coating

START TIME:

FINISH TIME:

OVEN TEMPERATURE:

12:00

320°F

12:30

412

12 BR 11-9-1.

12xØ M/L 11/09/01

M117745

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start



Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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190 Wing Walk as per dwg QSI005 4.4 Batch M118313 0.00



HandFinish

Memo

0.00

Hand Finishing

RRH/LH q 11/09/02

200 QC3- Inspect Part Finish 0.00



QC

Memo

0.00

Quality Control

11/9/12 sf 120

210 Packaging 0.00



Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D350-636-101

Location: ST 465

PPP Rev: _____

(2x) 11-09-00 E

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Run Start

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

230

QC21 - Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/9/6

ME
11-09-06

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

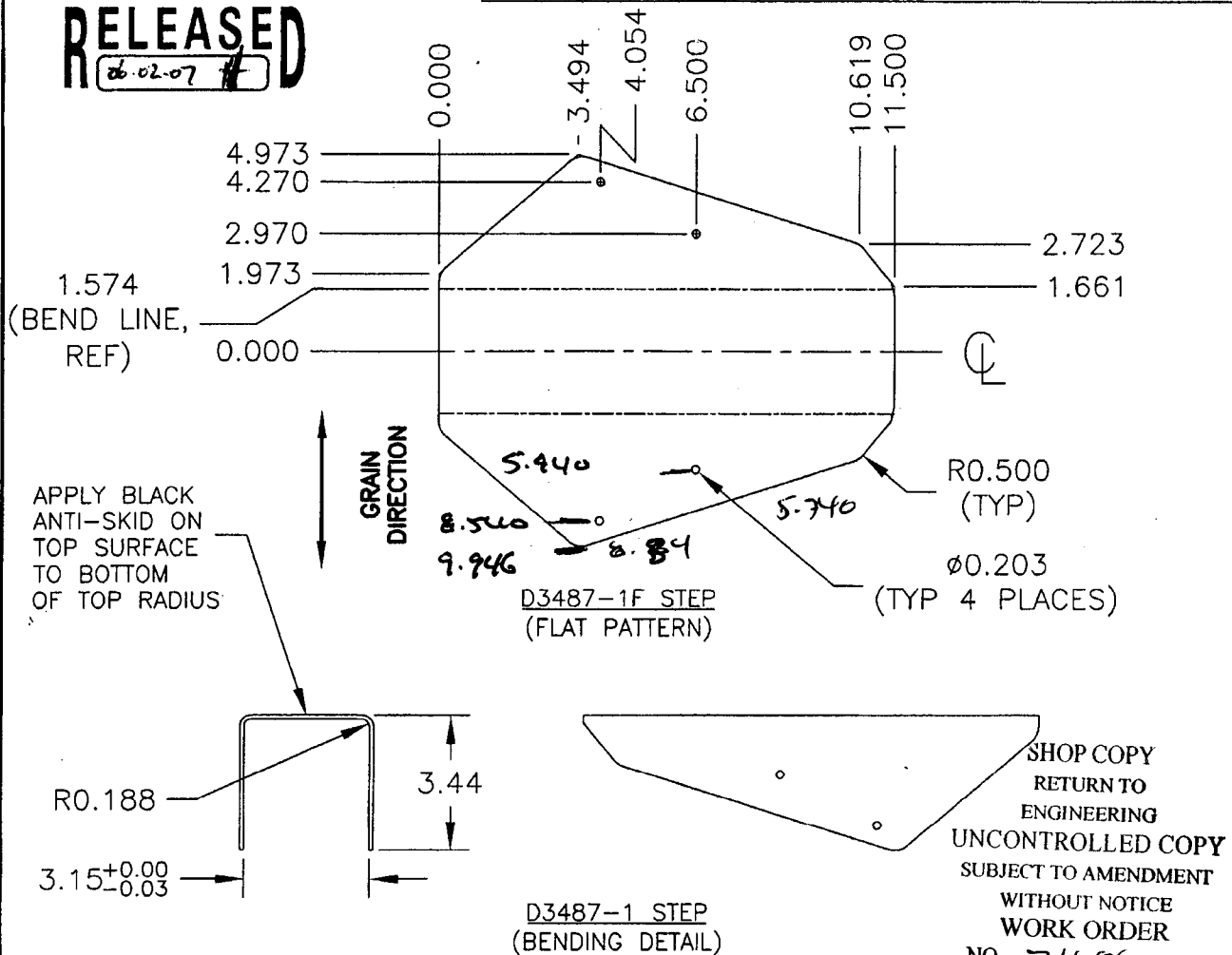
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART

DESIGN <i>PH</i>	DRAWN BY <i>PH</i>	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED <i>#</i>	APPROVED <i>#</i>	DRAWING NO. D3487	REV. A SHEET 1 OF 1
DATE 06.01.16		TITLE STEP	SCALE 1:4
A	06.01.16	NEW ISSUE	

RELEASED
06-02-07 *#***D3487-1 STEP**

- 1) MATERIAL: ALUMINUM 6061-T6/T651 ALUMINUM (QQ-A-250/11) 0.100 THICK (REF DART MATERIAL SPEC M6061T6S.100)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT ASSEMBLY WHITE (4.3.5.1) PER DART QSI 005 4.3
APPLY BLACK ANTI-SKID PAINT TO TOP SURFACE PER DART QSI 005 4.4
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) ALL TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) PART IS SYMMETRICAL ABOUT CENTERLINE
- 6) BREAK UNMARKED EDGES 0.005 TO 0.010 MAX

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